

Table 1: Significance table.

	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>a</sub> nd <sub>P</sub> F <sub>DL</sub> cuts	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>a</sub> nd <sub>D</sub> L <sub>c</sub> uts	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>r</sub> e <sub>a</sub> nd <sub>P</sub> F <sub>DL</sub> cuts	Events <sub>a</sub> fter <sub>a</sub> lphat <sub>r</sub> e <sub>a</sub> nd <sub>D</sub> L <sub>c</sub> uts
QCD <sub>Pt15</sub>	0 +- 0	0 +- 0	0 +- 0	0 +- 0
QCD <sub>Pt30</sub>	387.2 +- 387.2	0 +- 0	387.2 +- 387.2	0 +- 0
QCD <sub>Pt80</sub>	135.9 +- 36.32	9.707 +- 9.707	126.2 +- 35	0 +- 0
QCD <sub>Pt170</sub>	63.06 +- 4.149	5.187 +- 1.19	60.33 +- 4.058	2.184 +- 0.7722
QCD <sub>Pt300</sub>	19.78 +- 0.5062	0.9844 +- 0.1129	17.89 +- 0.4814	0.544 +- 0.08395
QCD <sub>Pt470</sub>	2.684 +- 0.06078	0.004129 +- 0.002384	2.388 +- 0.05733	0.002753 +- 0.001946
QCD <sub>Pt800</sub>	0.09518 +- 0.001797	0 +- 0	0.08321 +- 0.00168	0 +- 0
QCD <sub>Pt1400</sub>	0.0005988 +- 1.385e-05	0 +- 0	0.0005324 +- 1.306e-05	0 +- 0
TTbar <sub>temp</sub>	6.626 +- 0.1595	1.92 +- 0.08585	4.469 +- 0.131	1.11 +- 0.06527
WJets <sub>temp</sub>	9.102 +- 0.86	3.007 +- 0.4943	7.72 +- 0.7921	2.357 +- 0.4376
ZJets <sub>temp</sub>	0.9736 +- 0.27	0.07489 +- 0.07489	0.8987 +- 0.2594	0.07489 +- 0.07489
ww <sub>pat1</sub>	0.3469 +- 0.05171	0.08479 +- 0.02556	0.3083 +- 0.04875	0.06166 +- 0.0218
wz <sub>pat1</sub>	0.1294 +- 0.01973	0.09931 +- 0.01729	0.1204 +- 0.01903	0.08125 +- 0.01564
zz <sub>pat1</sub>	0.03613 +- 0.006021	0.03713 +- 0.006104	0.0291 +- 0.005404	0.03011 +- 0.005497
LM2 <sub>temp</sub>	2.196 +- 0.01534	1.834 +- 0.01402	1.757 +- 0.01373	1.397 +- 0.01224
Significancy	0.08776	0.3992	0.07128	0.5504
QCD Significancy	0.08899	0.4602	0.07209	0.8456